



**Connecticut  
Light & Power**

The Northeast Utilities System



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**TESTIMONY OF RICHARD A. SODERMAN  
THE CONNECTICUT LIGHT AND POWER COMPANY  
and YANKEE GAS SERVICES COMPANY  
Energy & Technology Committee--March 17, 2009**

**R.B. No. 1131 AAC RENEWABLE ENERGY AND WEATHERIZATION.**

The proposed bill would provide for two new efficiency and renewables programs. First, the bill allows a pilot program for intensive development and deployment of state of the art efficiency, load management and renewable technologies in one community of each electric distribution company and the implementation of an energy efficiency program for state and municipal buildings. . Second, the bill provides for the development of an energy efficiency and renewable energy program for state and municipal buildings. We strongly support these provisions of this bill.

The pilot program would demonstrate the effectiveness of intensive development of green technologies, including thermal storage, light-emitting-diode streetlights, smart appliances, advanced metering infrastructure, electric vehicle charging infrastructure, combined heat and power systems, fuel cells, and potentially run of river hydro technologies in a single community. A municipality and an electric company would collaborate on a plan to implement the deployment of efficiency and green technologies. If the bill is passed, CL&P would solicit interest among communities within its service territory and select one that expressed desire in participating and had energy uses and opportunities that would best demonstrate an array of technologies. Once selected, the electric distribution company will submit its plan to the DPUC for approval.

The pilot program will provide a live demonstration of whether an intensive deployment of green technologies can be effectively and efficiency delivered to customers and municipalities. The program provides an opportunity for broad and comprehensive participation within the selected community that goes well beyond that provided in current programs, and the selected community would benefit from the efficiencies of a comprehensive



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program encompassing a variety of green technologies at one site. This program would also include a production scale demonstration of newer technologies that have not been deployed yet in Connecticut. If successful, this pilot program could be expanded to other communities in the future. We support this pilot program and we are excited about working with this committee and the selected community to make the program a success.

The state and municipal buildings program creates a new approach to help the state address its current budget shortfalls while at the same time taking advantage of untapped energy efficiency opportunities and improving the overall environment. This program would provide up to 100% financing to implement energy efficiency solutions and requires no subsidies of other customers. If this bill is passed, CL&P would rapidly deploy energy efficiency measures in the shortest amount of time possible. The program allows the electric distribution companies to lower annual energy costs at existing municipal and state government facilities, thereby easing the pressure on energy cost budgets. By providing funding with little or no customer capital investment, the program will make viable capital projects that otherwise would not have been implemented.

The program would establish arrangements between and municipal or state electric customers and electric distribution companies to design and implement projects designed to provide energy savings. Repayment of the cost of the project would come out of the savings from the specific municipal, state customer who undertakes the project through a customer-specific facilities charge.

The benefits of this program would include:

- Creation and retention of jobs as a network of vendors and contractors will be required to execute the program and different projects.
- Provision of immediate energy savings for state and municipal facilities, providing budget relief.



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- Achievement of untapped energy savings potential at state and municipal facilities helping reduce energy consumption and CO2 emissions.

Finally, we suggest that the committee may wish to consider also providing some incentive to the state agencies responsible for energy costs by allowing them to retain a portion of the net savings for their own budgets for a period of time. In this way, they would be encouraged to participate in efficiency programs.

We support this program and we look forward to helping the state and the municipalities we serve in lowering their monthly energy bills and improving the environment.

Thank you for the opportunity to offer testimony on this bill.